

EO-AB/PT/15 - Socket



0804165
<https://www.phoenixcontact.com/us/products/0804165>

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Socket, Pin connector pattern type AB 15A, Push-in spring connection, for USA and other countries, gray, for mounting on a DIN rail in the service interface or direct mounting, 125 V AC, 15 A, -20 °C, 60 °C, UL 508

Commercial data

Item number	0804165
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BE76
Product key	BE7623
Catalog page	Page 563 (C-3-2019)
GTIN	4055626226880
Weight per piece (including packing)	80.65 g
Weight per piece (excluding packing)	80.65 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Socket
Country ID	USA

Data management status

Article revision	02
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Electrical properties

Nominal voltage U_N	125 V AC (60 Hz)
Nominal current I_N	15 A

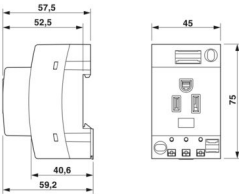
Connection data

Connection method	Push-in spring connection
Stripping length	10 mm
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section rigid	0.2 mm ² ... 4 mm ²
Cross section AWG	24 ... 12

Signaling

Status display	no
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Dimensions

Dimensional drawing	
Width	45 mm
Height	75 mm
Depth	75 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material	PA
Contact material	CuZn37
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3

Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Connector

Type of plug	Pin connector pattern type AB 15A
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Standards

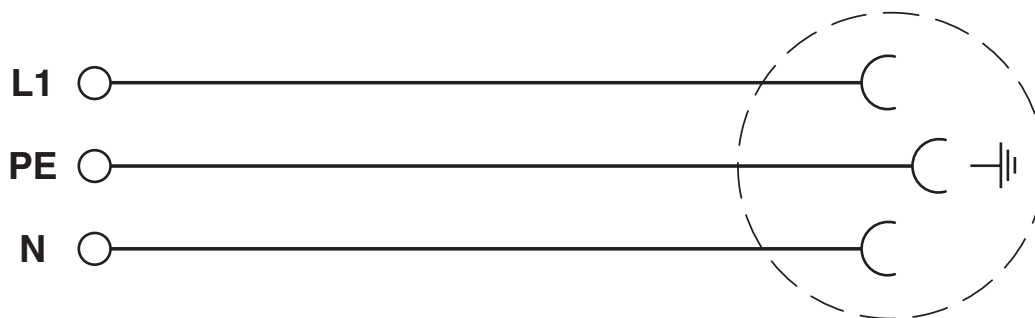
Standards/regulations	UL 508
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Mounting

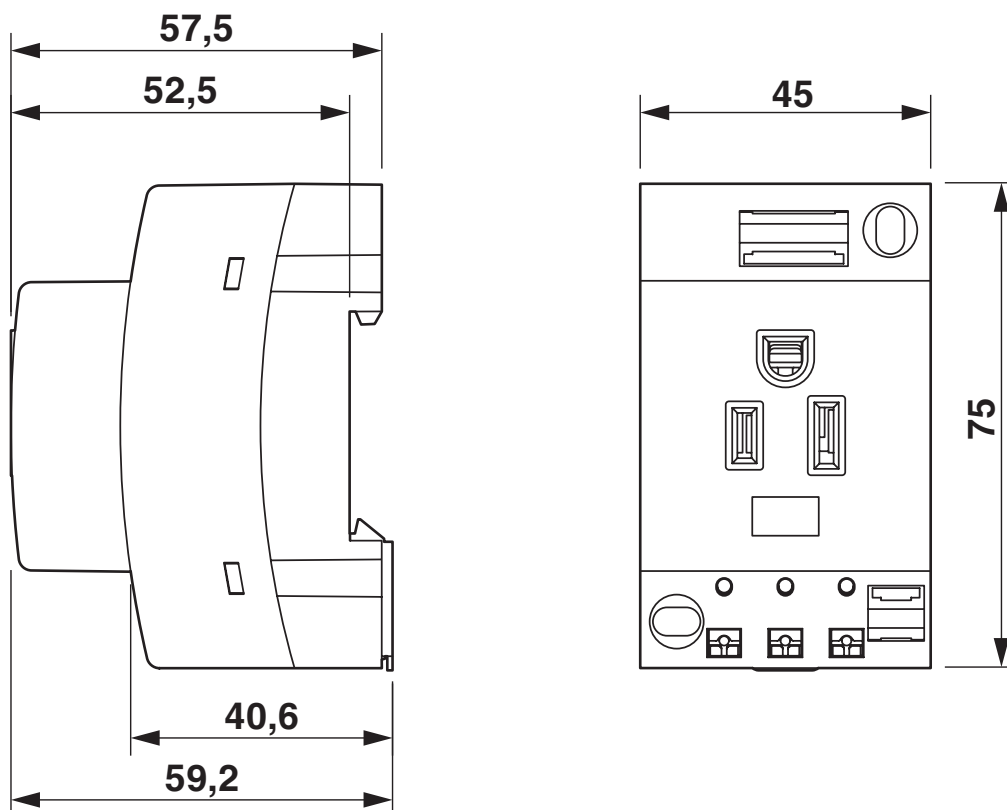
Mounting type	for mounting on a DIN rail in the service interface or direct mounting
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Drawings

Circuit diagram





Dimensional drawing





Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0804165>

**EAC**
Approval ID: RU C-DE.BL08.B.00511

 UL Listed Approval ID: E238705				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	125 V	15 A	-	-

**cUL Listed**
Approval ID: E238705

**EAC-RoHS**
Approval ID: RU D-DE.HB49.B.00025

cULus Listed

Classifications

ECLASS

ECLASS-11.0	27142305
ECLASS-12.0	27142305
ECLASS-13.0	27142305

ETIM

ETIM 9.0	EC001663
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

UC-TMF 16 - Marker for terminal blocks

0819262

<https://www.phoenixcontact.com/us/products/0819262>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 15.45 x 5.1 mm, Number of individual labels: 32

ZBF 16:UNPRINTED - Zack Marker strip, flat

0827464

<https://www.phoenixcontact.com/us/products/0827464>



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 16.25 x 10.5 mm, Number of individual labels: 50

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EO-SI-FRAME - Adapter plate

0804522

<https://www.phoenixcontact.com/us/products/0804522>



Adapter plate for installing the control cabinet sockets (type EO-...) in the mounting frames (type VS-SI-EB-EMV.../ SI-M1A.../ SI-M1B...). Includes fastening hardware for the control cabinet socket

SI-M1A - Mounting frame

1404493

<https://www.phoenixcontact.com/us/products/1404493>



Mounting frame for one front plate/socket, plastic frame: black, plastic cover: transparent, closed with 3 mm two-way key bit and rotary knob, included.

EO-AB/PT/15 - Socket

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SI-M1B - Mounting frame

1404494

<https://www.phoenixcontact.com/us/products/1404494>

Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: transparent, closed with 3 mm two-way key bit and rotary knob, included.



SI-M1A-GL - Mounting frame

1407592

<https://www.phoenixcontact.com/us/products/1407592>

Mounting frame for one front plate/socket, plastic frame: black, plastic cover: gray, closed with 3 mm two-way key bit and rotary knob, included.



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SI-M1B-GL - Mounting frame

1407593

<https://www.phoenixcontact.com/us/products/1407593>

Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: gray, closed with 3 mm two-way key bit and rotary knob, included.



SI-M1A-ML - Mounting frame

1407588

<https://www.phoenixcontact.com/us/products/1407588>

Mounting frame for one front plate/socket, plastic frame: black, plastic cover: metallic, closed with 3 mm two-way key bit and rotary knob, included.



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SI-M1B-ML - Mounting frame

1407589

<https://www.phoenixcontact.com/us/products/1407589>

Mounting frame for two front plates/sockets, plastic frame: black, plastic cover: metallic, closed with 3 mm two-way key bit and rotary knob, included.



VS-SI-EB-EMV-1 - Mounting frame

1656482

<https://www.phoenixcontact.com/us/products/1656482>

Mounting frame, for one front plate or socket, metal frame, matt nickel-plated, electrically conductive, transparent cover



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VS-SI-EB-EMV-2 - Mounting frame

1656495

<https://www.phoenixcontact.com/us/products/1656495>

Mounting frame, for two front plates or sockets, metal frame, matt nickel-plated, electrically conductive, transparent cover



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